Amendments to the Specification.

Please amend the specification as shown below by adding the underlined material and omitting the material indicated by strike-through.

Replace the paragraph at page 59, lines 16-19, with the following amended paragraph.

--In particular embodiments, the siRNA molecules comprise **SEQ ID NO:122** and/or **SEQ ID NO:123** (Monarch-1), **SEQ ID NO:133** (CATERPILLER 11.2); ~~**SEQ ID NO:134**~~ **SEQ ID NO:187** (CATERPILLER 16.1) or **SEQ ID NO:144** and/or **SEQ ID NO:145** (CATERPILLER 16.2).--

Replace the paragraph at page 116, lines 16-19, with the following amended paragraph.

-- *In vitro Gene Knock Down of CATERPILLER 16.1.* RNA interference vectors were constructed to TCTCAGCTTTAAGAGCAGG (~~SEQ ID NO: 134~~ SEQ ID NO:187) and are useful in examining the function of CATERPILLAR 16.1 in Jurkat T cells, Raji B cells, and HL-60 cells.--

Replace the paragraph at page 117, line 31 to page 188, line 9, with the following rewritten paragraph.

--*Plasmids.* To assemble the separately cloned pieces of CATERPILLER 16.2 and to fuse the CATERPILLER 16.2 to a FLAG® epitope ~~eptiope~~, overlap extension PCR was performed with the following primer sets: 5'-CCGGGTACCATGGACTACAAAGACGATGACGATAAAGGTGGCAGGTGGGG GCACCAT-3' (~~SEQ ID NO:135~~ SEQ ID NO:134) and 5'-ATCTTCTGAATGCGACAGTCCTTC-3' (~~SEQ ID NO:Y~~ SEQ ID NO:135); 5'-AAGGACTGTCGCATTCAGAAGATC-3' (SEQ ID NO:136) and 5'-ATAGGATCCCCAGGATCACATTTCAACAGTG-3' (SEQ ID NO:137). The resulting product was digested with *Xho*I and *Bam*HI and cloned into a similarly cut pcDNA3.1(-) vector (INVITROGEN™, Carlsbad, CA) using standard methodologies.--